

## Storm Data and Unusual Weather Phenomena - May 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>IOWA, Northeast</b>				
<b>CLAYTON COUNTY --- 3.0 N GARNAVILLO [42.91, -91.23], 3.0 N GARNAVILLO [42.91, -91.23], 2.9 N GARNAVILLO [42.91, -91.23], 2.9 N GARNAVILLO [42.91, -91.23]</b>				
	05/25/10 09:24 CST	0		Flood (due to Heavy Rain)
	05/25/10 11:30 CST	0		Source: Law Enforcement
Law enforcement officials reported water from heavy rain over several roads around the county. Locations where this flooding occurred included the intersection of King Road and County Road 215, Iowa Avenue just north of the intersection with Highway 128 about 3 miles northeast of Elkader and roads along and near Highway 128 in the Clayton Center area. The Garnavillo Fire Department reported 3.50 inches of rain.				
<b>CLAYTON COUNTY --- 2.1 SE EDGEWOOD [42.65, -91.40]</b>				
	05/25/10 10:25 CST	0		Hail (0.88 in)
	05/25/10 10:30 CST	0		Source: Emergency Manager
The emergency manager and law enforcement officials reported hail ranging in size from pea up to nickel.				
<b>CLAYTON COUNTY --- CLAYTON CENTER [42.88, -91.32], 0.8 WSW CLAYTON CENTER [42.87, -91.33], 0.8 WNW CLAYTON CENTER [42.89, -91.33], 1.4 ENE CLAYTON CENTER [42.89, -91.30]</b>				
	05/25/10 11:30 CST	1K		Flash Flood (due to Heavy Rain)
	05/25/10 12:30 CST	0		Source: Law Enforcement
Flash flooding was reported briefly near Highway 128 but the water receded quickly.				
<b>Thunderstorms developed during the mid-morning hours of May 25th over eastern Iowa. These storms then moved north through the day producing sporadic reports of flooding along with some hail.</b>				
<b>MINNESOTA, Southeast</b>				
<b>DODGE COUNTY --- DODGE CENTER ARPT [44.02, -92.83]</b>				
	05/04/10 15:54 CST	0		Thunderstorm Wind (MG 58 kt)
	05/04/10 15:54 CST	0		Source: AWOS
The automated weather observing equipment at the Dodge Center airport reported a wind gust of 67 mph as a weak thunderstorm passed by. At this time, it also indicated a sustained wind speed of 43 mph.				
<b>OLMSTED COUNTY --- 4.0 WNW POTSDAM [44.19, -92.42]</b>				
	05/04/10 16:30 CST	0.80K		Thunderstorm Wind (EG 50 kt)
	05/04/10 16:30 CST	0		Source: Broadcast Media
Strong winds were observed as a weak thunderstorm passed by, which caused a large tree of approximately 2 feet in diameter to snap several feet from the base.				
<b>OLMSTED COUNTY --- (RST) ROCHESTER MUNI [43.92, -92.50]</b>				
	05/04/10 16:54 CST	0		Thunderstorm Wind (MG 51 kt)
	05/04/10 16:54 CST	0		Source: ASOS
The automated weather observing equipment at the Rochester International Airport reported a wind gust of 59 mph as a weak thunderstorm passed by the site.				
<b>Showers and thunderstorms developed across southeast Minnesota on the afternoon of May 4th as a cold front advanced east across Minnesota and Iowa. Although these thunderstorms were not very intense, they did produce strong winds in some locations as they moved east.</b>				
<b>OLMSTED COUNTY --- 1.0 W CHESTER [44.00, -92.37]</b>				
	05/25/10 12:40 CST	0		Hail (0.75 in)
	05/25/10 12:40 CST	0		Source: Trained Spotter
Winds from the thunderstorms were estimated to be between 40 and 50 mph and were strong enough to move around some patio furniture.				

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<b>WABASHA COUNTY --- 2.0 SW THEILMAN [44.28, -92.23]</b>				
	05/25/10 12:45 CST		0	Hail (0.75 in)
	05/25/10 12:45 CST		0	Source: Public
<b>OLMSTED COUNTY --- 1.7 NW CHATFIELD JCT [44.02, -92.27]</b>				
	05/25/10 14:04 CST		0	Hail (0.75 in)
	05/25/10 14:04 CST		0	Source: Amateur Radio
Dime sized hail was reported along County Road 9.				
Thunderstorms developed across the area during the early afternoon of May 25th. Some of these thunderstorms produced some hail that was less than an inch in diameter.				
<b>WISCONSIN, Southwest</b>				
<b>LA CROSSE COUNTY --- 1.7 SE WEST LA CROSSE [43.83, -91.23]</b>				
	05/04/10 18:10 CST		1.50K	Thunderstorm Wind (EG 50 kt)
	05/04/10 18:15 CST		0	Source: Law Enforcement
Sporadic tree damage was reported around the city of La Crosse as weak thunderstorms passed by. Most of the trees were small, but a few of the trees took down some power lines on the north side of the city.				
<b>ADAMS COUNTY --- 4.0 WSW BIG FLATS [44.10, -89.87]</b>				
	05/04/10 18:15 CST		8K	Lightning
	05/04/10 18:15 CST		0	Source: Law Enforcement
As a thunderstorm passed, a lightning strike started a garage fire. Local fire officials indicated the garage was a complete loss. There were no injuries as a result of the fire. The start time of the fire was corroborated with radar data, as well as with the detection of a cloud to ground lightning strike in the exact location of the fire at that time.				
Showers and thunderstorms developed ahead of a cold front advancing across Minnesota and Iowa on the afternoon and evening of May 4th. Although these showers and thunderstorms were not very intense as they moved into western and central Wisconsin, they did produce sporadic strong winds along with some cloud to ground lightning, which sparked a fire.				
<b>(WI-Z033) TREMPLEAU, (WI-Z053) VERNON</b>				
	05/09/10 01:00 CST		0	Frost/Freeze
	05/09/10 08:00 CST		3K	
An unseasonably cold air mass settled over the area the morning of May 9th. With high pressure overhead, the combination of clear skies and light winds allowed temperatures to dip below 32 degrees during the early morning hours. It was reported by the Wisconsin Crop Progress Report that 50 percent of grape growers in Vernon County experienced damage to the crop, as the vines were in their primary bud stage. There was also some damage to the strawberry crop in Trempealeau County as some plants were already flowering.				
Low temperatures ranged from 26 degrees at Sparta (Monroe County) and Camp Douglas (Juneau County) to 30 degrees at Richland Center (Richland County) and Gays Mills (Crawford County).				
<b>(WI-Z042) MONROE</b>				
	05/18/10 11:00 CST		0	Wildfire
	05/18/10 14:30 CST		0	
A brush fire became uncontrollable and burned almost 2.5 acres near Cataract (Monroe County) before being extinguished. For several days before the fire, high pressure remained anchored over the Great Lakes setting up a dry east to northeast flow over the region. On the day of the fire, the automated weather observing equipment at the Sparta airport recorded a minimum relative humidity around 15 percent.				
<b>CLARK COUNTY --- 1.5 SSE NEILLSVILLE [44.55, -90.59]</b>				
	05/25/10 10:55 CST		2K	Thunderstorm Wind (EG 50 kt)
	05/25/10 10:55 CST		0	Source: Trained Spotter

A billboard sign was broke in half by severe thunderstorm winds.

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<b>CLARK COUNTY --- 4.0 NE NEILLSVILLE [44.61, -90.54]</b>				
	05/25/10 11:10 CST		3K	Thunderstorm Wind (EG 50 kt)
	05/25/10 11:10 CST		0	Source: Public
Thunderstorm winds blew the roof off an out building northeast of Neillsville. In Neillsville, a one foot diameter tree and a telephone pole were blown down along with tree branches in various parts of the city. Power outages lasted several hours.				
<b>CLARK COUNTY --- 1.5 SSW SPOKEVILLE [44.70, -90.44]</b>				
	05/25/10 11:14 CST		2K	Thunderstorm Wind (EG 50 kt)
	05/25/10 11:14 CST		0	Source: Law Enforcement
Thunderstorms winds blew down trees and power lines along County Roads H and Y in the eastern parts of Clark County.				
<b>CLARK COUNTY --- 1.6 ESE VEEFKIND [44.69, -90.35]</b>				
	05/25/10 11:14 CST		0	Hail (1.00 in)
	05/25/10 11:14 CST		0	Source: Trained Spotter
<b>TAYLOR COUNTY --- 2.9 NW MAPLEHURST [45.10, -90.41]</b>				
	05/25/10 11:44 CST		3K	Thunderstorm Wind (EG 50 kt)
	05/25/10 11:44 CST		0	Source: Law Enforcement
Thunderstorm winds blew down several trees southwest of Medford.				
<b>TAYLOR COUNTY --- 7.3 ENE PERKINSTOWN [45.24, -90.49]</b>				
	05/25/10 11:46 CST		2K	Thunderstorm Wind (EG 50 kt)
	05/25/10 11:46 CST		0	Source: Law Enforcement
Thunderstorm winds blew down trees along County Road M west of the intersection with Highway 13.				
<b>TAYLOR COUNTY --- 1.2 NW LITTLE BLACK [45.11, -90.35]</b>				
	05/25/10 11:48 CST		2K	Thunderstorm Wind (EG 50 kt)
	05/25/10 11:48 CST		0	Source: Law Enforcement
Thunderstorm winds blew down trees south of Medford.				
<b>GRANT COUNTY --- 0.4 SSW HAPPY CORNERS [42.60, -90.53]</b>				
	05/25/10 12:30 CST		8K	Thunderstorm Wind (EG 50 kt)
	05/25/10 12:30 CST		0	Source: Law Enforcement
Thunderstorm winds blew down 7 power poles on Model Road near the intersection with County Road H. Also, a 25 to 30 foot tall tree was uprooted and fell onto a house.				
<b>GRANT COUNTY --- CUBA CITY [42.60, -90.43]</b>				
	05/25/10 12:30 CST		2K	Thunderstorm Wind (EG 50 kt)
	05/25/10 12:30 CST		0	Source: Law Enforcement
Thunderstorm winds blew down several trees.				
<b>Thunderstorms developed during the mid-morning hours of May 25th over southern Wisconsin. These storms then moved north through the day producing sporadic reports of large hail, damaging winds and locally heavy rain. Additional thunderstorms developed over the area during the early afternoon producing additional wind damage.</b>				
<b>VERNON COUNTY --- 0.3 NW HILLSBORO KCKAPOO AR [43.65, -90.33], 0.4 N HILLSBORO KCKAPOO AR [43.66, -90.33], 0.5 NNW HILLSBORO KCKAPOO AR [43.66, -90.33], 0.4 NW HILLSBORO KCKAPOO AR [43.65, -90.34]</b>				
	05/25/10 13:15 CST		0	Flood (due to Heavy Rain)
	05/25/10 16:30 CST		0	Source: River/Stream Gage
Rainfall of 2 to 3 inches across eastern Vernon County from slow moving thunderstorms, produced a crest just over flood stage during the afternoon of the 25th on the South Branch of the Baraboo River at Hillsboro. The Hillsboro Emergency Manager reported 2.37 inches of rain.				
<b>Slow moving thunderstorms late in May produced 2 to 3 inches of rain across eastern Vernon County in the vicinity of Hillsboro. Runoff from these thunderstorms produced a crest just over flood stage on the South Branch of the Baraboo River at Hillsboro during the</b>				

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afternoon of the 25th.				